

**ONLINE COPY RHIC OPERATIONS PROCEDURES MANUAL  
- VALID FOR FIVE (5) WORKING DAYS**

**RHIC Operations Procedures Manual**

**1.1 AUTHORIZATION**

Text Pages 1 through 2

**Hand Processed Changes**

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Revision No. 8

Approved:

 6/8/98

RHIC Project Director

Date

Preparer(s): S. Musolino

RHIC-OPM 1.1

Date Issued: June 4, 1998

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**1.1 Authorization**

The RHIC Project is under the supervision of the Project Director, Associate Director Collider, Associate Director - Detectors and Experiments, Group Leaders and the Project Supervisors with respect to accelerator systems development, construction, magnet research and development, maintenance and personnel and facility safety. All RHIC systems can only be operated by authorized personnel. System Operators and System Specialists are authorized to shut down operations whenever an unsafe condition occurs or if, in their judgment, a potential to exceed the Safety Envelope is likely to occur.

**1.0 RHIC Project Director Authorization**

Given by the RHIC Project Director or his designate.

RHIC Project Director  
Acting RHIC Project Director

Satoshi Ozaki  
As designated

**2.0 Associate Director Authorization**

Given by persons with RHIC Project Director authorization and the following and their respective designates:

Associate Project Director (Collider)  
Associate Project Director (Detectors and Experiments)  
Assistant Project Director

Michael Harrison  
Thomas Ludlam  
John Sondericker

**3.0 Supervisor Authorization**

Given by the above individuals with RHIC Project Director Authorization or Assistant Director Authorization or by Authorized Supervisors listed in Attachment 1.

**4.0 Authorization to Operate RHIC**

All persons who manipulate the controls of RHIC systems shall have authorization to operate the systems. Operators shall be authorized to operate the systems only after appropriate training. Systems Specialists can operate their specific systems with the concurrence of the Associate Director or, in the absence of shift operation, with the Supervisor Authorization. Operator trainees can operate systems only in the presence of and under the supervision of authorized Operators or Systems Specialists.

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A list of authorized Operators and Systems Specialists is maintained in the RHIC Operations Procedures Manual.

**5.0 Start-up or Restart Authorization**

The overall execution of the RHIC program is subject to Project Authorization. The start-up of shift operations is subject to Associate Director Authorization. Within these overall authorizations covering the execution of the program, the Associate Director or his/her designee is authorized to start or restart routine operations in accordance with the procedures indicated in the RHIC Operations Procedures Manual. Restart after a management directed shutdown due to a safety related incident shall be authorized by the Project Director. The Associate Director for Collider shall authorize commissioning.

**6.0 Authorization to Classify or Remove Procedures**

The RHIC Project Director and the Assistant to the Project Director for ES&H are authorized to classify procedures or remove them when no longer applicable. The requirements for classification are given in OPM 1.4.

Assistant to Project Director for Environment  
Safety & Health

Stephen Musolino

**7.0 Authorization of Procedures**

Authorization of environment, safety or health related procedures are given by the Project Director. All other procedures are authorized by the cognizant Associate Director.

**8.0 Authorization to Approve Temporary Procedures**

Authorization of ES&H related Temporary Procedures is given by the Project Director or the Assistant to the Project Director for ES&H. All other Temporary Procedures are authorized by the cognizant Associate Director.

**9.0 Attachments**

None